

Atty. Docket No. 85827-103

Examiner:

2617

N/A

3 d INTHE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of Naveen MYSORE et al.

August 2, 2005

Filed:

Serial No.: 10/544,108 Group Art Unit:

Title: SYSTEM AND METHOD FOR DATA COMMUNICATION OVER

MULTI-INPUT, MULTI-OUTPUT CHANNELS

## INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement is being filed in the manner prescribed by 37 CFR 1.97(b) - (d) to satisfy the duty under 37 CFR 1.56 to disclose to the Office information, known to individuals associated with the filing and prosecution of the subject application, which is material to the examination of the application.

In accordance with 37 CFR 1.97(g) and (h), this statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 CFR 1.56(b).

This Information Disclosure Statement is being filed within three months of the filing date of a national application, within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing date of a first Office Action on the merits; or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

Applicant therefore respectfully requests consideration of this Information Disclosure Statement under 37 CFR 1.97(b), 37 CFR 1.97(c), or 37 CFR 1.97(d), as appropriate.

In compliance with 37 CFR 1.98(a)(1), a list of all patents, publications, applications, or other information submitted for consideration by the Office is hereby provided by way of the attached Form PTO/SB/08.

In compliance with 37 CFR 1.98(a)(2), also enclosed is a legible copy of:

- i) each foreign patent document;
- ii) each publication or that portion which caused it to be listed;
- iii) for each cited pending unpublished U.S. patent application, the application specification including the claims, and any drawings of the application, or that portion of the application which caused it to be listed including any claims directed to that portion; and
- iv) all other information or that portion which caused it to be listed, excluding any copies of a United States patent or patent application.

It is respectfully requested that the information be expressly considered by the Examiner and that the references be made of record and appear among the "References Cited" on any patent to issue therefrom.

The Patent Office is hereby authorized to charge any deficiency, or credit any overpayment in fees to Deposit Account Number 19-2550.

Date: July 27, 2006

Respectfully submitted,

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Encls.: Form PTO/SB/08

All references listed on Form PTO/SB/08 (except US patents / applications)

Acknowledgement Card

Sheet 1

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete ii Known				
Application Number	10/544,108			
Filing Date	August 2, 2005			
First Named Inventor	Naveen MYSORE			
Art Unit	2617			
Examiner Name	N/A			
Attorney Docket Number	85827-103			

Examiner Cite Initials* No.1	Cite	Document Number	Publication Date MM-DD-YYYY	T DOCUMENTS  Name of Patentee or  Applicant of Cited Document	Pages, Columns, Lines, Where	
	No.1	Number-Kind Code <sup>2</sup> (F.trown)			Relevant Passages or Relevan Figures Appear	
	1.	<sup>US-</sup> 6,081,566	06-27-2000	molnar et al.		
	2.	<sup>US-</sup> 6,173,014 B1	01-09-2001	Forssen et al.		
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		FOREI	GN PATENT DOCU	IMENTS	_	
Examiner Initials*	Olte No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	П
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			Te.
	3.	EP 0 998 045 A1	05-03-2000	LUCENT TECHNOLOGIES		
	4.	EP 1 213 853 A1	06-12-2002	MITSUBISHI DENKI		
	5.	EP 1 265 377 A2	12-11-2002	NEC CORPORATION		
	6.	PCT/CA2004/000137 (ISR)	06-28-2004	MCGILL UNIVERSITY		
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Examiner Signature	/Dhaval Patel/	Date Considered	09/29/2009
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(Use as many sheets as necessary)				Art Unit	2617	
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Sheet	2	of	2	Attorney Docket Number	85827-103	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	7.	MATTHEW VALENTI and BRIAN D. WOERNER, Iterative Multiuser Detection for Convolutionally Coded Asynchronous DS-CDMA, 9th IEEE International Symposium, 09-09-1998, 21 pages	
	8.	CHIP FLEMING, A Tutorial on Convolutional Coding with Viterbi Decoding, copyright © 1999-2002, 6 pages, Spectrum Applications	
	9.	Description of the Algorithms (Part 1), copyright © 1999-2002, 7 pages, Spectrum Applications	
	10.	TELECOMMUNICATIONS AND MISSION OPERATIONS DIRECTORATE - DNS Technology Program, Communications Systems Analysis: Turbo Codes, 1 page 10.123, 2002	

Examiner Signature	/Dhaval Patel/	Date Considered	09/29/2009	

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<sup>\*</sup>EXAMINE\*: Initial infedence considered, whether or not distants in an ontermance with MPP 600. Daw the through distant in not in a continuation with MPP 600. The when the continuation is attached.

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